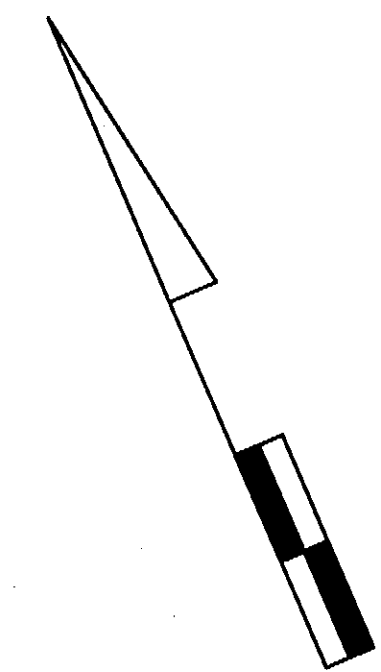


DRILL HOLES

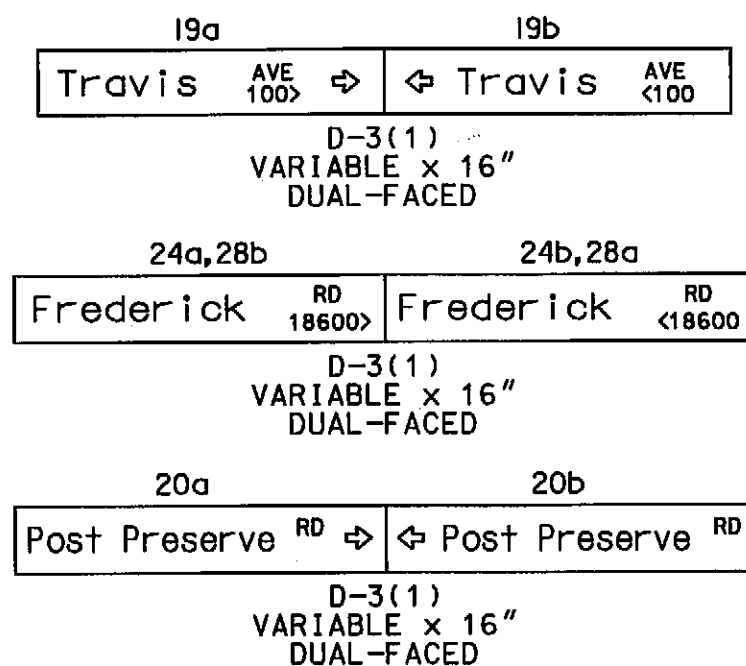
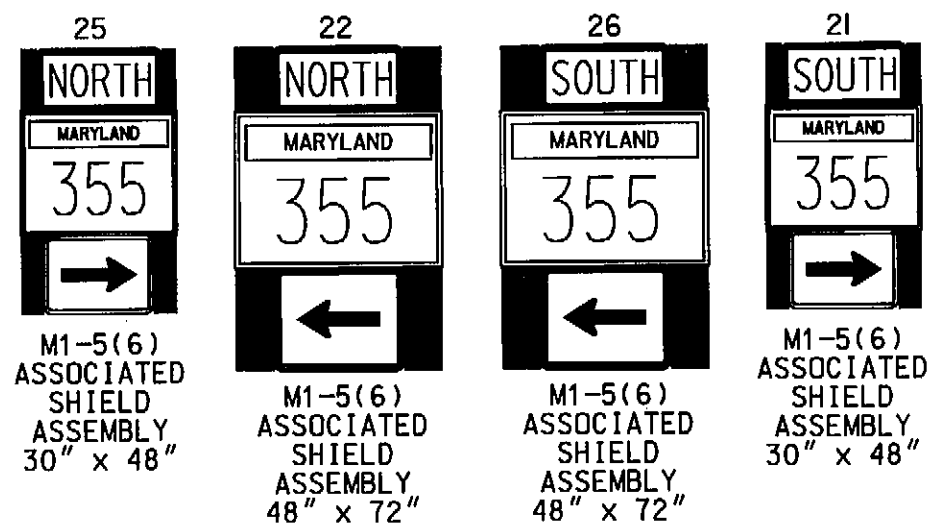
DRILL HOLES

DRILL HOLES

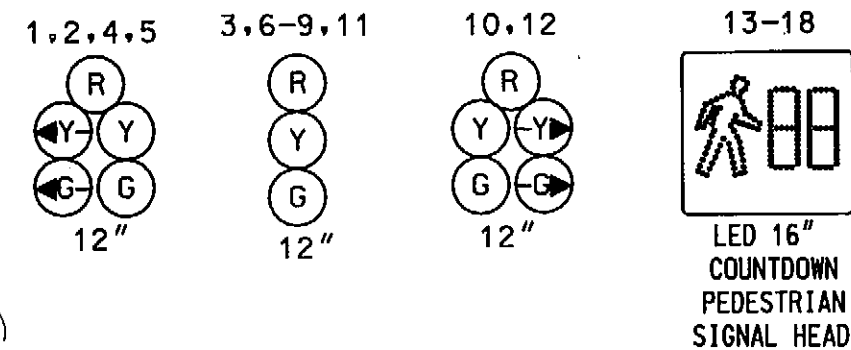
BORDER REV. DATE: June 1, 2004



MD 355 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

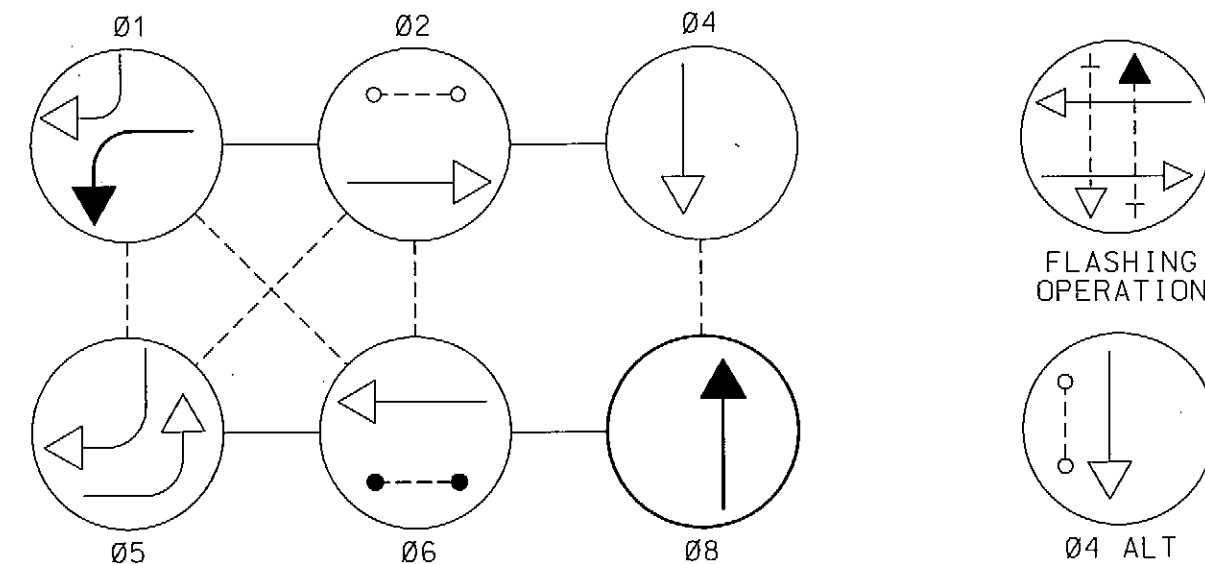


PROPOSED LED SIGNALS

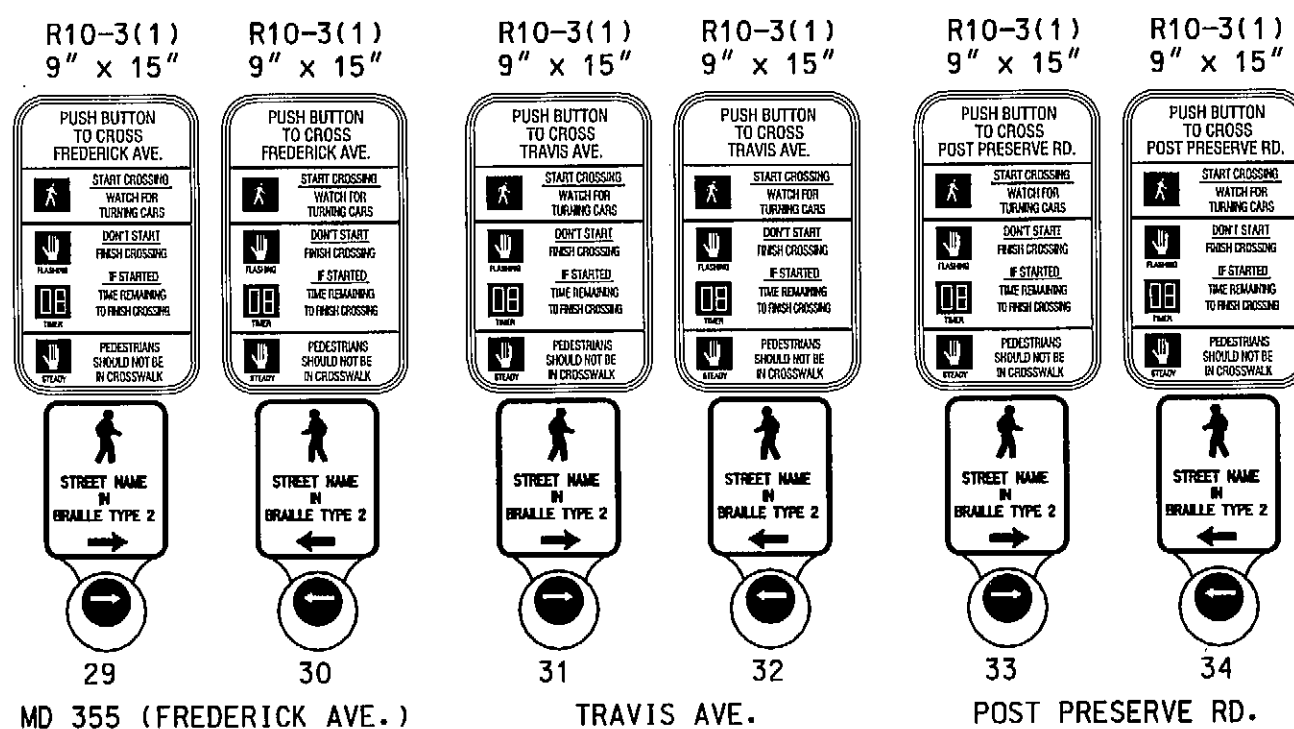


PROPOSED VIDEO DETECTION CAMERA (d)
EXISTING VIDEO DETECTION CAMERA (a-c)

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



MD 355
(FREDERICK ROAD)

EXISTING UNDERGROUND INTERCONNECT NORTH TO PROFESSIONAL DRIVE

CONSTRUCTION DETAILS

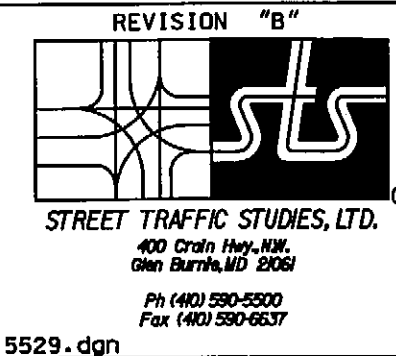
- Install 10' breakaway pedestal pole with countdown pedestrian signal head and APS pushbutton with pedestrian education sign (R10-3(1)). (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- Install 5' breakaway pedestal pole with APS pushbutton and pedestrian education sign (R10-3(1)). (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- Use existing NEMA size "6" base-mounted cabinet and controller.
- Install handhole.
- Install 2-4" polyvinyl chloride electrical conduit (Schedule 80) (trenched (2nd conduit in the same trench)).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Remove existing stopline pavement marking.
- Remove existing crosswalk pavement marking.
- Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk)
- Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)
- Use existing handhole.
- Use existing conduit.
- Remove existing traffic signal from span wire and install LED signal head and tether as shown.
- Install LED traffic signal on existing span and tether as shown.
- Remove existing traffic signal from span wire.
- Remove existing pedestrian signal heads, pushbutton and sign from strain pole. Install countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-3(1)). Install Terra video detection camera.
- Remove existing pedestrian signal head, pushbutton and sign from strain pole. Install countdown pedestrian signal head and video detection camera. Rotate existing lighting arm to align above span as shown.
- Remove existing pedestrian signal and install countdown pedestrian signal head as shown.
- Use existing strain pole. Rotate existing lighting arm to align above span as shown.
- Remove existing sign from span wire.
- Install proposed span mounted sign.
- Existing underground interconnect to remain.
- Existing underground electrical service to remain.
- Install detectable warning surface (60"x 24") Standard No. MD 655.40 onto existing median cut-through as shown.

NOTE:
All proposed sidewalk ramps, median cut-throughs and detectable warning surfaces are to be installed by the road contractor unless otherwise noted.

CONSTRUCTION DETAILS (cont.)

- Install 100' of 5" white thermoplastic pavement marking.
- Install white heat applied preformed thermoplastic pavement marking (right arrow).
- Remove existing lane line pavement marking (5' length).

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---



APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
NO.	DESCRIPTION
1	ADD WEST LEG APS, CPS AND LED HEADS
2	REPLACE LOOP DETECTION WITH VIDEO CAMERAS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
**MD 355 (FREDERICK RD) AND
TRAVIS AVE / POST PRESERVE RD**
GAITHERSBURG, MARYLAND

TRAFFIC SIGNAL PLAN			
SCALE 1"= 20'	DATE 11/6/95	CONTRACT NO.	
DESIGNED BY J. DIRNDORFER	COUNTY MONTGOMERY	DRAWN BY J. DIRNDORFER	LOGMILE 15035516.28
CHECKED BY STEVE RENZI	TIMS NO. J905	F.A.P. NO. AC-NH-G-5113(10)C	TOD NO.
TS NO. 3555B	DRAWING NO. 1 OF 2	SHEET NO.	OF

PLOTTED: \$DATE\$TIME\$
FILE: \$FILE\$